

AMENDMENT & RESPONSE

Serial Number: 09/630,000

Filing Date: August 1, 2000

Title: LEAD HAVING VARYING STIFFNESS AND METHOD OF MANUFACTURING THEREOF

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an electrode assembly including at least one electrode electrically coupled with at least one of the conductors.

17. (Amended) The apparatus as recited in claim 16, wherein at least one coradial conductor traverses from the proximal end to the distal end, and at least one other coradial conductor traverses along only a portion of the lead body.

18. (Amended) The apparatus as recited in claim 17, wherein the at least one other coradial conductor electrically and mechanically terminates at the electrode assembly.

19. (Amended) The apparatus as recited in claim 16, wherein one or more coradial conductors includes two or more filars.

23. (Amended) The apparatus as recited in claim 22, wherein the lead body includes a first section near the distal end, a third section near the proximal end, and a second section disposed between the first and the third sections, where the first coradial conductor is disposed only in the second and third sections.

24. (Amended) The apparatus as recited in claim 16, wherein the individually insulated coradial conductors further include a third coradial conductor and a fourth coradial conductor, the [lead body has four] first, second, third, and fourth conductors disposed at the proximal end of the lead body, and [two] the first and second conductors disposed at the distal end of the lead body.

25. (Amended) The apparatus as recited in claim 16, wherein at least one of the individually insulated coradial conductors is formed of material having heat setting capabilities.

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26. (Amended) The apparatus as recited in claim 16, wherein the individually insulated coradial conductors and the lead body have a two or three dimensional bias.

Please add the following new claims:

43. (New) The apparatus as recited in claim 16, wherein the coradial conductors form a single lumen within the lead body.

44. (New) The apparatus recited in claim 16, wherein the lead body includes a first section near the distal end, a third section near the proximal end, and a second section disposed between the first and third sections, where the first conductor is disposed only in the first and third sections.

REMARKS

Applicant has reviewed the Office Action dated May 16, 2002, and the references cited therewith.

Claims 16 - 19 and 23 - 26 are amended, claims 1 - 15 are canceled without prejudice or disclaimer, and claims 43 - 44 are added; as a result, claims 16 - 44 are now pending in this application.

Information Disclosure Statement

Applicant respectfully requests that copies of the 1449 Forms, listing all references that were submitted with the Information Disclosure Statement filed on July 10, 2001, Supplemental Information Disclosure Statement filed on July 13, 2001, and Supplemental Information Disclosure Statement filed on May 7, 2002, marked as being considered and initialed by the Examiner, be returned with the next official communication.